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***Copy and paste links beside information.***

**Research Notes:**

1. **Topic**:

**5 most important minerals**

1. **Vocabulary (List with definitions)**

**Quartz**

**Feldspar**

**Calcite / Aragonite**

**Olivine**

**Chalcosine / chalcopyrite**

**Are the most five important minerals in the world**

**Minerals**

**Are a type of rock**

1. **Concepts (Name and explain)**

**Quartz- is one of the most widespread and toughest minerals. It is used in computers, jewelry, and it is in a lot of sedimentary rocks. It is also a major building stone of the continental crust.**

**Feldspar- is a group of minerals and most people won’t know what they are. Feldspar is in a large portion of the earth’s crust, and is used in creams, clay, and construction materials.**

**Calcite / Aragonite- anyone in warmer climates will come across carbonate producing organisms like corals, mussels, and much more. Most people have heard of the Carrara Marble and the Great Barrier. They can have great fossils, and it is widespread in many areas of the world. It is also a very important part of our lives, because it is used in paints, glass, and cement production.**

**Olivine- is a major portion of the earth’s mantle. It can be found in basalts and can be beautifully green with gemstone quality.**

**Chalcosine / chalcopyrite- are 2 different minerals but together the most important source of copper. After silver copper is one of the most important minerals and is often put into electronics to conduct electricity. If you add chalcosine and chalcopyrite with tin, it forms bronze.**

1. **Impact (explain impact(s)**

**Some go into electronics, some forms other rocks and we eat some minerals.**

<http://lostgeologist.blogspot.ca/2008/09/five-most-important-minerals.html>